

## DY0901 EventData Variables

- All EventData files are comma delimited, and start with Date and Time (GMT) from the SCS data acquisition server. MX420-Time (GMT, from Leica MX420 GPS) provides a check and alternate time format.
- A core set of variables (Date and Time [GMT], and Cruise ID through ISUS-NitrateConc) is included in all DY0901 specific EventData files (NavMetOce and SciSeawaterSystem). NODC, SAMOS, and TsgTransmitter Events are ancillary projects carried out during all cruises.
- Snap files have a "Button" column; Continuous files do not.
- Differences among Snap and corresponding Continuous files are highlighted in yellow. Lines from Continuous files can be used to add/replace Snap file lines after the addition of missing columns (Button, Notes, etc.).

NavMetOce\MOA Snap_###.elg	NavMetOce\MOA Continuous _*.elg (all)
Date	Date
Time	Time
Button	Cruise ID
Notes	MX420-Time
Cruise ID	MX420-Lat
MX420-Time	MX420-Lon
MX420-Lat	MX420-COG
MX420-Lon	MX420-SOG
MX420-COG	Gyro
MX420-SOG	AirTemp
Gyro	RelHumidity
AirTemp	BaroPressure-Cal-Value
RelHumidity	TrueWind-RAW-Direction
BaroPressure-Cal-Value	TrueWind-RAW-Speed
TrueWind-RAW-Direction	RelWind-Dir
TrueWind-RAW-Speed	RelWind-Spd
RelWind-Dir	CenterBoard-PoS
RelWind-Spd	EK60-Depth-m
CenterBoard-PoS	EK60-Depth-CBRet-m-Value
EK60-Depth-m	Shaft-RPM-Value
EK60-Depth-CBRet-m-Value	High-SeaTemp-C-Cal-Value
Shaft-RPM-Value	Mid-SeaTemp-C-Cal-Value
High-SeaTemp-C-Cal-Value	Low-SeaTemp-C-Cal-Value
Mid-SeaTemp-C-Cal-Value	SBE45Flow-GPM-Value
Low-SeaTemp-C-Cal-Value	TSG-SBE38-Temp
SBE45Flow-GPM-Value	TSG-SBE45-Temp
TSG-SBE38-Temp	TSG-SBE45-Cond
TSG-SBE45-Temp	TSG-SBE45-Sal
TSG-SBE45-Cond	TSG-SBE45-SVel
TSG-SBE45-Sal	O2FluoroFlow-GPM-Value
TSG-SBE45-SVel	Chloro-Counts
O2FluoroFlow-GPM-Value	Chloro-Value
Chloro-Counts	NTU-Counts
Chloro-Value	NTU-Value
NTU-Counts	Oxygen
NTU-Value	Oxygen-Saturation
Oxygen	Oxygen-Temp
Oxygen-Saturation	ISUSFlow-GPM-Value
Oxygen-Temp	ISUS-NitrateConc
ISUSFlow-GPM-Value	
ISUS-NitrateConc	

SciSeawaterSystem\SciH2OSys_SNAP_###.elg	SciSeawaterSystem\SciH2OSys_Continuous_###.elg
Date	Date
Time	Time
Button	Cruise ID
Sample No.	MX420-Time
Notes	MX420-Lat
Cruise ID	MX420-Lon
MX420-Time	MX420-COG
MX420-Lat	MX420-SOG
MX420-Lon	Gyro
MX420-COG	AirTemp
MX420-SOG	RelHumidity
Gyro	BaroPressure-Cal-Value
AirTemp	TrueWind-RAW-Direction
RelHumidity	TrueWind-RAW-Speed
BaroPressure-Cal-Value	RelWind-Dir
TrueWind-RAW-Direction	RelWind-Spd
TrueWind-RAW-Speed	CenterBoard-PoS
RelWind-Dir	EK60-Depth-m
RelWind-Spd	EK60-Depth-CBRet-m-Value
CenterBoard-PoS	Shaft-RPM-Value
EK60-Depth-m	High-SeaTemp-C-Cal-Value
EK60-Depth-CBRet-m-Value	Mid-SeaTemp-C-Cal-Value
Shaft-RPM-Value	Low-SeaTemp-C-Cal-Value
High-SeaTemp-C-Cal-Value	SBE45Flow-GPM-Value
Mid-SeaTemp-C-Cal-Value	TSG-SBE38-Temp
Low-SeaTemp-C-Cal-Value	TSG-SBE45-Temp
SBE45Flow-GPM-Value	TSG-SBE45-Cond
TSG-SBE38-Temp	TSG-SBE45-Sal
TSG-SBE45-Temp	TSG-SBE45-SVel
TSG-SBE45-Cond	O2FluoroFlow-GPM-Value
TSG-SBE45-Sal	Chloro-Counts
TSG-SBE45-SVel	Chloro-Value
O2FluoroFlow-GPM-Value	NTU-Counts
Chloro-Counts	NTU-Value
Chloro-Value	Oxygen
NTU-Counts	Oxygen-Saturation
NTU-Value	Oxygen-Temp
Oxygen	ISUSFlow-GPM-Value
Oxygen-Saturation	ISUS-NitrateConc
Oxygen-Temp	
ISUSFlow-GPM-Value	
ISUS-NitrateConc	